

**Claims**

We claim:

1. A bag for containing a bicycle wheel and attaching to a bicycle:
  - an enclosure sized to substantially contain a bicycle wheel, the enclosure having at least first and second opposing faces;
  - a first connector attached to the enclosure on or proximate the first face at a first location;
  - a second connector attached to the enclosure on or proximate the first face at a second location; and
  - a third connector attached to the enclosure on or proximate the first face at a third location, each location forming a corner of a hypothetical triangle and each connector being adapted to securely attach with a portion of the bicycle.
2. The bag of claim 1, further comprising a handle, the handle being adapted to permit a person to carry the bag when the bag is not attached to the bicycle.
3. The bag of claim 1, wherein the first connector comprises at least one strap coupled at one end to the bag at the first location and corresponding surfaces of hook and loop material, wherein the strap is adapted to at least partially wrap around a portion of the bicycle and wherein the corresponding hook and loop material surfaces are joined to secure the bag to the bicycle at the first location.
4. The bag of claim 1, wherein the first connector comprises at least one strap coupled at one end to the bag at the first location and a corresponding buckle, wherein the strap is adapted to (i) at least partially wrap around a portion of the bicycle and (ii) secure the bag to the bicycle at the first location by way of the buckle.

5. The bag of claim 1, wherein enclosure further includes one or more of loops and rings attached to the enclosure and a shoulder strap coupled to the one or more of the loops and rings.
6. The bag of claim 1, wherein the enclosure is comprised at least partially of a flexible material.
7. The bag of claim 6 wherein the flexible material is a fabric
8. The bag of claim 7, wherein the fabric is elastic.
9. The bag of claim 7, wherein the fabric comprises spandex.
10. The bag of claim 1, wherein the enclosure is conformal about the bicycle wheel when the bicycle wheel is contained therein.
11. The bag of claim 1, wherein the enclosure comprises a shell substantially comprised of one or both of rigid and semi-rigid plastic sheeting.
12. The bag of claim 1, wherein at least one of the first and second faces includes a zipper located proximate at least a portion of a periphery of the respective face.
13. The bag of claim 1, wherein the enclosure is substantially round.
14. The bag of claim 6, wherein at least one of the first and second faces is reinforced with one of a rigid and semi-rigid plastic sheet material proximate the center of the respective face.
15. The bag of claim 6, wherein the flexible material comprises at least one of neoprene, nylon fabric, spandex and vinyl.

16. A method comprising:
  - substantially enclosing a front wheel from a bicycle within an enclosure; and
  - securing the enclosure to the bicycle at two or more locations.
17. The method of claim 16, wherein said two or more locations comprises at least three locations.
18. The method of claim 16, further comprising:
  - removing the front bicycle wheel from the bicycle;
  - placing the bicycle in a vehicle-mounted bicycle rack;
19. The method of claim 16, wherein the bag comprises a fabric material.
20. The method of claim 16, further comprising securing the bag to the bicycle in a third location wherein the three locations form the corners of a triangle.
21. The method of claim 16, wherein said securing the bag further includes attaching the bag to the bicycle with one or more buckles and associated straps.
22. The method of claim 16, wherein said securing the bag further includes attaching the bag to the bicycle using hook and loop material and associated straps.
23. The method of claim 16, wherein the bag comprises an enclosure sized to substantially contain a bicycle wheel, the enclosure having at least first and second opposing faces; a first connector attached to the enclosure on or proximate the first face at a first location; a second connector attached to the enclosure on or proximate the first face at a second location; and a third connector attached to the enclosure on or proximate the first face at a third location, each location forming a corner of a triangle and each connector being adapted to securely attach with a portion of the bicycle.
24. A wheel bag for carrying a wheel of a bicycle, the wheel bag comprising:

a substantially fabric enclosure, the enclosure including a closable opening through which the wheel is put into the bag;

at least three strap connectors attached to the enclosure, the strap connectors including at least one strap and one or both of (i) a buckle and (ii) hook and loop material, the strap connectors being adapted to secure the enclosure to the bicycle.

25. The wheel bag of claim 24, wherein the enclosure comprises front and rear faces and each face includes a semi-rigid or rigid material located proximate the center of the face.
26. The wheel bag of claim 24, wherein at least two of the strap connectors are adapted to be secured to a top tube of the bicycle.
27. The wheel bag of claim 24, wherein the three strap connectors are attached to the enclosure on the rear face.